

**CONSTRUCTION SPECIFICATIONS  
FOR  
CLEARING AND SNAGGING**

**1. Scope**

This item shall include the removal of snags, drifts, and downed timber, and disposal of all materials from specified areas of the stream channel and berms. Construction shall be carried out in such a manner that erosion and water, air, and noise pollution will be minimized and held within legal limits as established by local, state, or federal regulations.

**2. Clearing and snagging operations**

All designated trees, stumps, and, brush, within the perimeter of the channel shall be cut as close to the ground as the cutting tools permit. If other areas are to be cleared, the trees, brush, and other woody vegetation shall be cut within the maximum specified distance above the ground level.

Trees shall be felled in such a manner as to avoid damage to other trees, property, and objects outside the limits of clearing or to trees marked for preservation within the clearing limits.

Downed trees, logs, drifts, boulders, debris, and other obstructions lying wholly or partly in the channel shall be removed. Piling, piers, headwalls, and other structures that obstruct the free flow of water shall be removed if so designated in the project plans and specifications.

If herbicide treatment is planned, the stumps and brush in the specified area shall be treated at the time of clearing according to the recommendations of the manufacturer of the herbicide specified or being used.

The use of explosives in all clearing and snagging operations shall be in strict compliance with the applicable state statutes and regulations.

Trees, logs, and all combustible material resulting from the clearing and snagging operations shall be burned, buried, removed from the site, or piled in designated disposal areas as specified for the project. All burning shall be performed outside the channel and shall conform to regulations in effect in the area. Residue from burning and noncombustible material shall be buried outside the channel, removed from the site, or placed in designated disposal areas. All buried material shall have a minimum earth cover of 2 feet to permit proper land use.

Measures and construction methods that enhance landscape resource quality and fish and wildlife values shall be incorporated as needed and practical. Special attention shall be given to visual resources, protecting, and maintaining key shade, food, and den trees, and to stabilization of disturbed areas. Where specified, sound logs shall be placed against eroded banks and anchored to serve as bank projection and fish habitat. Placement and anchoring of logs shall be in accordance with the drawings.

Selected snagging where possible shall be performed primarily with hand operated equipment, water based equipment, or small equipment used in a manner that will minimize soil, water and other resource disturbances.

### 3. Access routes

Rock stream crossings, access lanes, culverts, and other structures required for access shall be installed at locations shown on the plans or as staked in the field. Travel outside the designated access routes shall be restricted to minimize disturbance to the flood plain.

### 4. Vegetation

Vegetative treatment shall be established as specified or as shown on the plans.